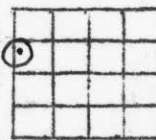


NE 003

County Atchison



sec. 5 twp. 64 rge 39

owner ^{O.P.} Newcomer, et al.

elev. 1013 MGS# 8359 spl ✓

↳ rotary table

farm Lasell

No. 1

TD 1385 fm @ TD

Cherokee

shows

Status D&A

date completed

9-4-43

remarks: 330'E - 1650'S of NW cor.

00067

00047

00008

Log of O. R. Newcomer *et al* No. 1 Lasell. Location: 330 feet east and 1650 feet south of northwest corner of sec. 5, T. 64 N., R. 39 W., Atchison County, Missouri. Elevation (of rotary table), 1013 (H.L.). Commenced, 8-16-1943, and completed, 9-4-1943. Dry and abandoned. Total depth, 1385 feet (possibly an error in measurement). Rotary test. Casing record: 6 5/8 inch set at 286 feet; and 4 7/8 inch at 860 feet (cemented for test—see below). Contractor: Claude McQueen, Atchison, Kansas.

FORMATIONAL SUMMARY

	Thickness, feet	Depth, feet
Pleistocene and Recent series:		
Surface and glacial drift	250	250
Pennsylvanian system:		
Shawnee group (no samples, 250-285 ft.)	125	375
Douglas-Pedee groups (Oread, 375-425 ft.)	200	575
Lansing-Kansas City groups	285	860
Pleasanton and Henrietta groups	185	1045
Cherokee group (base not reached)	340	1385, T.D.

NOTE: Siderite zones occur between 1325-1355 ft. and 1365-1370 ft. The well was cored (possibly an error in measurements) from 1370-1381 ft., but no sand was found. A Halliburton "jeep" was run to 1385 ft., 4 7/8 inch casing set at 860 ft. and cemented for test of oil showing reported at 832-836 ft.; 24 shots resulted in no reaction. Later, the well was acidized at this depth and began flowing salt water.

WATER ANALYSIS

Horizon	T.D.S.	Parts per million		
		Cl.	SO ₄	Na-K as Na
Bethany Falls limestone near base of Kansas City group after casing set, cemented and well acidized. Well flowed	27755.0	13928.4	351.2	7852.3

RECENT DRILLING
in
NORTHWESTERN MISSOURI

By
FRANK C. GREENE



REPORT OF INVESTIGATIONS NO. 1

1945

EDWARD L. CLARK, *Director and State Geologist*
MISSOURI GEOLOGICAL SURVEY AND
WATER RESOURCES
ROLLA, MISSOURI